# PRELUDE® XL® and PRELUDE XL High Recycled Content (HRC)

**Exposed Tee Suspension System** 





Prelude XL suspension system

This hot-dipped galvanized steel 15/16" suspension system offers high recycled content for improved LEED® credits.

# KEY SELECTION ATTRIBUTES

- Seismic Rx® Suspension System saves time and money; Armstrong Ceilings offers an ICC-ES approach to installations (ESR-1308)
- Prelude® XL® is part of the Sustain™ portfolio and meets the most stringent industry sustainability compliance standards today
- CleanAssure<sup>™</sup> family of products includes disinfectable panels, suspension systems, and trim (Cleaning and CDC-approved disinfecting options available on armstrongceilings.com/cleaning)
- PeakForm® profile increases strength and stability for improved performance during installation
- SuperLock" main beam clip is engineered for a strong, secure connection and fast, accurate alignment confirmed with an audible click; easy to remove/relocate
- Hot-dipped galvanized coating inhibits red rusting better than electrogalvanized or painted systems
- 10-Year Limited System Warranty; 30-Year Limited Ceiling Systems Warranty when used with HumiGuard® Plus products

(SRO)

- Made-to-order main beams and cross tees can be ordered for your project needs in one carton minimum
- XL® staked-on end detail provides secure locked connection: easy to remove, reuse, and relocate
- Fire Guard™ options offer UL® design fire-rated performance
- · Some items available in metric sizes
- · Blizzard White and Charcoal Black powder-coated finish
- Linear lighting integration is easy with made-to-order main-beam-to-cross-tee adapters, rout spacing, miter spacing, and short cross tees
   (3" to 6" lengths)
- 10-Year replacement items available

Prelude® XL® High Recycled Content (HRC)

- Build America, Buy America (BABA) Act compliant
- Prelude\* XL\* High Recycled Content (HRC) suspension system is part of the Sustain Portfolio, meets stringent Sustain requirements, and contributes to improved LEED credits

# COLORS Due to printing limitations, shade may vary from actual product.



(SBZ)

(SHS)

(SMG)

\* Colors that are pre-qualified to meet Sustain" portfolio requirements are available upon request.

Other made-to-order colors must be evaluated if sustainability criteria is required. Lead time will increase.

(STZ)

† Prefinished aluminum capping for corrosion resistance

(SFS)

(SIV)





PERFORMANCE

Dots represent high

level of performance.

EPD EPD Ecosystem Health 0

**PACKAGING** 

3rd Party CDPH Circular Economy WELL Building Standard™ (WELL) Living Building Challenge® (LBC)

Declare.

VISUAL SELECTION

15/16"

items)

are BABA

LOAD TEST DATA (LBS./LIN. FT.) CleanAssure™ Disinfectable Grid Seismic Categor Fire Guard" Spray Wipe Fog Pieces/ Carton LFT/ Carton L/360 L/360 Dimensions Rout Item No.◆ Description Spacing (Inches) PRELUDE® XL® 7301 12' HD Main Beam 6" O.C. 144 x 15/16 x 1-11/16' 16.73 8 73 Ν/Δ 20 20 240 7301HRC 240 N/A 20 240 8301 (Red Numbers 7300\_ 12' ID Main Beam 6" O.C. 144 x 15/16 x 1-11/16" 13.5 6.35 N/A N/A 20 240 are Fire Guard" 7300HRC N/A 240 20 8300\_ \_ † . (Blue Numbers 7305\_ \_ \* 140" HD Main Beam 10" O.C. 140 x 15/16 x 1-11/16 16 73 8.73 N/A 20 233 7306\_ \_\* 132" HD Main Beam 10", 30", 50", 56", 76", 132 × 15/16 × 1-11/16 16 73 8.73 N/A 20 220 Compliant and 96", 116", 122" O.C. **High Recycled** 7307\_ \_\* 10", 30", 50", 70", 90", 126 x 15/16 x 1-11/16" 126" HD Main Beam 16 73 8 73 N/A 20 210 Content Items) 110", 116" O.C. . 7302 \* 10' ID Main Beam 6" O.C 120 x 15/16 x 1-11/16 13.5 6.35 N/A N/A 20 200 ۰ XL7380\_ \_ . 12" O.C. 160 8' Cross Tee 96 x 15/16 x 1-11/16" 12.12\*\* N/A N/A 20 6", 12", 24", 30", 36", XL7357\_ \_ . 300 5' Cross Tee 60 x 15/16 x 1-11/16' N/A 7.61 N/A 60 48", 54" O.C. XL7390\_ \_\* 12" O.C. 6' Cross Tee 72 x 15/16 x 1-11/16" 12.24\* N/A N/A 20 120 XL7341 4' Cross Tee 12" O.C. 48 x 15/16 x 1-11/16' 16.89 N/A N/A 60 240 XL7341HRC 240 N/A 60 XL8341 60 240 XL7340\_ \_ . 4' Cross Tee 12" O.C. 48 × 15/16 × 1-11/16" 12.25 N/A N/A 60 240 60 240 XI 7342 60 4' Cross Tee 12" O.C. 48 x 15/16 x 1-1/2" 78 N/A N/A 240 XL7342HRC 4' Cross Tee 12" O.C. 48 x 15/16 x 1-3/8" 6.78 N/A N/A 60 240 XI 7348 XL7348HRC XL7330\_ \_ †† N/A 36 x 15/16 x 1-11/16" N/A N/A 180 3' Cross Tee 20.3 at 3' 60 XL7378\_ \_ . N/A 30 x 15/16 x 1-3/8" N/A N/A 60 150 30" Cross Tee 16.54 at 2.5 XL7328 N/A 24 x 15/16 x 1-3/8 36.0 at 2' N/A 60 2' Cross Tee N/A 120 XL7328HRC 120 XL8323\_\_ † XL8320HRC 2' Cross Tee N/A 24 x 15/16 x 1-11/16" 61.33 at 2' N/A N/A 60 120 XL8320 † 60 120 XL7368\_ \_ \* 20" Cross Tee N/A 20 x 15/16 x 1-3/8" 36.0 at 1.67 N/A N/A 60 100 XL7398\_ \_ \* 18" Cross Tee N/A 18 x 15/16 x 1-3/8" N/A N/A N/A 60 90 XL7318\_ \_\* 1' Cross Tee N/A 12 x 15/16 x 1-3/8" 36.0 at 1 N/A N/A 120 120 XL7304\_ \_ . 4" Cross Tee N/A 4 x 15/16 x 1-11/16 N/A N/A 60 20 N/A XL7306\_ \_ . 6 x 15/16 x 1-11/16' N/A 6" Cross Tee N/A N/A N/A 60 30 15/16" Prelude® XI ® Size Capabilities Main Beam Length Cross Tee Length N/A N/A N/A N/A N/A N/A N/A N/A Varies Varies ASTSIZ NOTE: Up to 6 weeks 36" - 144" **WEEKS** 3" - 144' Rout spacing 3" from

Made-to-order main beams and cross tees can be ordered with special sizes, rout spacing, and colors for your project needs in one carton minimums. NOTE: Additional Prelude XL items for TechZone® Ceiling Systems are listed in the TechZone Technical Guide (BPCS-4486), and available online at armstrongceilings.com/techzone

\* Simple Span \*\* Hanger Wire Support Mid-Span

- ♦ When specifying or ordering items with a color or finish, add the two-or three-letter suffix to the end of the item number (e.g. XL7342 <u>L G</u> \_ Light Grey)

for color and size combinations.

Available in White (WH), and Blizzard White (ZW) and Charcoal Black (ZB) powder-coated finishes only

ends, 4" thereafter

Available in Black (BL) and White (WH) only

†† Available in Black (BL), White (WH), and Blizzard White (ZW) and Charcoal Black (ZB) powder-coated finishes only

VISUAL SELECTION					C Disi	PACKAGING		
	Item No.◆◆	Face Profile	Description	Dimensions (Inches)	4 Ft.	5 Ft.	Pieces/ Carton	LFT/ Carton
Prelude XL	AX73013	15/16"	12' HD Main Beam, Routs 6" O.C.	144 × 15/16 × 1-11/16"	16.73	8.73	20	240
Painted Grid to Match	AX73423	15/16"	4' Cross Tee, Routs 12" O.C.	48 × 15/16 × 1-1/2"	7.8	N/A	60	240
Axiom® Trim (360° Painted – Powder Coated Paint)	AX73283	15/16"	2' Cross Tee	24 × 15/16 × 1-3/8"	36.0 @ 2'	N/A	60	120

When specifying or ordering items with a color or finish, add the two-or three-letter suffix to the end of the item number (e.g. 7301 L G - Light Grey)

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Declare.

RECYCLED CONTENT UP TO

3rd Party CDPH

EPD EPD Circular Economy

WELL Building Standard™ (WELL) Living Building Challenge® (LBC)

**PACKAGING** 

### VISUAL SELECTION

						LOAD TE (LBS	
	Item No.	Face Profile	Description	Rout Spacing	Dimensions (Inches)	L/360 4 Ft.	L/360 5 Ft.
ontinuous oad Path CLP)	CLP7301	15/16"	N/A	N/A	6 × 15/16"	N/A	N/A
) 	7396	15/16"	9' 6" Main Beam	6" O.C.	114 x 15/16"	16.5	8.73
	7376	15/16"	7' 6" Main Beam	6" O.C.	90 x 15/16"	16.5	8.73

**PERFORMANCE** 

Fire Guard™	Seismic Setsory Category		Spray		Pieces/ Carton	LF/ Carton
N/A	۰	۰	۰	۰	20	240
N/A	۰	•	۰	۰	20	190
N/A	۰	•	•	۰	20	150

Dots represent high

ASTM Class HD - Heavy-duty ID - Intermediate-duty LD - Light-duty

**PACKAGING** 

LFT/ Carton

360

100

120

300

300

300

300

Pieces/ Carton

30

10

10

10

30

30

30

30

# VISUAL SELECTION

Suggested Wall
Moldings and
Shadow Moldings
(Blue Numbers
are BABA
Compliant and
High Recycled

Content Items)

Item No.◆	Description	Length	(A) Flange	(B) Flange	(C) Reveal	(D) Reveal
7800† 7800HRC	12' Hemmed Angle Molding	144"	7/8"	7/8"	N/A	N/A
7808*	10' Hemmed Angle Molding	120"	2"	2"	N/A	N/A
780812�	12' Hemmed Angle Molding	144"	2"	2"	N/A	N/A
7807	10' Hemmed Angle Molding	120"	2"	1"	N/A	N/A
7875�	10' Shadow Molding	120"	3/4"	15/16"	1/2"	N/A
7877	10' Shadow Molding	120"	15/16"	15/16"	1/4"	N/A
7878***†	10' Shadow Molding	120"	15/16"	15/16"	3/8"	N/A
7897****	10' Shadow Molding	120"	15/16"	15/16"	1/2"	N/A
7888	10' Shadow Molding	120"	15/16"	15/16"	3/8"	1/4"
7850�	12' Hemmed Angle Molding	144"	1-1/8"	7/8"	N/A	N/A

\*\*\* Suitable for IBC Category D,E,F installations using Armstrong® Seismic Rx® suspension system and BERC2 Clip

XL8341/XL7341

♦ When specifying or ordering items with a color or finish, add the two-or three-letter suffix to the end of the item number (e.g. XL7342 <u>L</u> <u>G</u> \_ – Light Grey)

Available in White (WH), and Blizzard White (ZW) and Charcoal Black (ZB) powder-coated finishes only † Not available in Silver Grey (SG), Gun Metal Grey (MY), or Silver Satin (SA).

†† Available in White (WH), Black (BL), Silver Grey (SG), Silver Satin (SA), and Blizzard White (ZW) and Charcoal Black (ZB) powder-coated finishes only

MAXIMUM FIXTURE WEIGHT Drawing Key: Main beam ( 1) Cross tee ( --- ) Hanger wire ( + )

	Configuration		Item	Fixture		Planning	Planning Module		Hanger Spacing		Maximum Weight	
	Α	В	No.	Α	В	Α	В	Α	В	Α	В	
Main Beam to Main Beam			7300/8300/7302 7301/8301	24" × 48" 24" × 48"	24" × 48" 24" × 48"	48" × 48" 48" × 48"	48" × 48" 48" × 48"	48" 48"	48" 48"	69.27 lbs. 72.32 lbs.	49.27 lbs. 72.32 lbs.	
			7300/8300/7302 7301/8301	12" × 48" 12" × 48"	12" × 48" 12" × 48"	48" × 48" 48" × 48"	48" × 48" 48" × 48"	48" 48"	48" 48"	54.26 lbs. 100.0 lbs.	47.17 lbs. 63.32 lbs.	
			7300/8300/7305 7301/8301	24" × 48" 24" × 48"	20" × 60" 20" × 60"	60" × 60" 60" × 60"	60" × 60" 60" × 60"	48" 48"	48" 48"	56.47 lbs. 56.47 lbs.	43.21 lbs. 65.46 lbs.	
			bs./LF to 1/360 of 4' span; 48" cross tee tested at 10.34			of 4' span;				'		
Cross Tee to Cross Tee	M	H	XL8340/XL7340 XL7342 XL8341/XL7341	24" × 48" 24" × 48"	24" × 24" 24" × 24"	64" × 60" 64" × 60"	48" × 48" 48" × 48"	48" 48"	48" 48"	69.27 lbs. 40.89 lbs.	80.55 lbs. 52.26 lbs.	
	†xx+	+	XL8340/XL7340	24" × 48"	12" × 48"	48" × 48"	48" × 48"	48"	48"	49.27 lbs.	42.17 lbs.	

Fixtures weighing more than 56 lbs. should be independently supported. Fixture weight is based on single fixture only. For end-to-end fixtures or other configurations not shown, consult your Armstrong Ceilings representative.

24" × 48"



63.32 lbs.

72.32 lbs.

48"

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SUSTAIN High Performance Sustainable Ceiling Systems

Declare.

UP TO

RECYCLED CONTENT

3rd Party CDPH

EPD EPD Ecosystem Health 0 Circular Economy

WELL Building Standard™ (WELL) Living Building Challenge® (LBC)

### **ACCESSORIES**

Item No.	Description	Pieces/ Carton
BERC2	2" Beam-End Retaining Clip	
	Allows you to create a code-compliant Seismic D, E, F ceiling installation while eliminating the need to use 2" wall molding or spreader bars.	
BERC2	Steel	200
FZBERC2	Steel	50
ALBERC2	Aluminum	200
FZALBERC2	Aluminum	50
STAC	Single-Tee Adapter Clip Used to create code-compliant non-seismic and seismic C and D, E, F off-module main beam to cross tee connections.	
STAC		120
FZSTAC		50

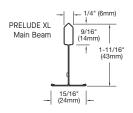
Item No.	Description	Pieces/ Carton	
ES4	Expansion Sleeves For 15/16" Prelude		9-11-2
ES4		200	
FZES4		50	•
GCWA	Grip Clip Wall Attachment		A
	Joins main beam or cross tee to wall molding via locking barbs without pop rivets or screws.		
GCWA		250	

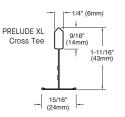
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### **DETAILS**





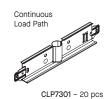




7/8" Hemmed Angle Molding 7/8" (6mm) 7/8" (6mm)

FZGCWA





# SEISMIC PERFORMANCE

Main Reams 7301, 7301HRC, 7306, 7307, 8301 Minimum Lbs. To Pull Out Compression/Tension 330.0

Cross Tees

All XL cross tees exceed 300 lbs. in both compression and tension.

ICC Reports

For areas under ICC jurisdiction, see ICC evaluation report number ESR-1308 for allowable values and/or conditions of use concerning the suspension system components listed on this page. The report is subject to re-examination, revisions, and possible cancellation.

# PHYSICAL DATA

Material

G30 hot-dipped galvanized steel

Surface Finish

Baked polyester paint or powder coated Manufactured and tested in accordance with ASTM C635

Face Dimension 15/16"

Profile

Exposed tee

Cross Tee/Main Beam Interface

Design Considerations
Physical product samples for standard and custom colors are available upon request. Please refer to the physical product sample prior to making a final selection. While we strive to ensure exact color matches, various factors such as differences in materials, texture, substrate porosity, painting processes, lighting, and observer subjectivity can all affect how paint colors appear on ceiling and wall panels, suspension systems, and trim products. Due to these and other differences, ceiling and wall panels, trim products, and suspension systems with the same color name will coordinate but may not be an exact color match. Product is dyelotted. Order sufficient initial quantities and attic stock to minimize possible color variation.

All acoustical grid and Axiom trim accessories (a.k.a. clips) are supplied as unpainted items. Exposed clips will need to be field painted after installation, if required for the project. This ensures accessories meet the tested performance criteria and adhere to AWI installation instructions and warrantied products or systems.

### Installation Consideration

If pop riveting must be used on powder coated material pre-drill with a sharp 1/8" drill bit to minimize potential paint chipping.

End Detail

Main Beam: Staked-on clip Cross Tee: Staked-on clip

**Duty Classification** 

Intermediate or Heavy-duty

Cleaning & Disinfecting
Cleaning and CDC-approved disinfecting options available on armstrongceilings.com/cleaning

